



Next stop - Agglomeration



Hans-Peter Vetsch
Vetsch Rail Consulting GmbH

CEO

Example Switzerland – Zuerich Oerlikon



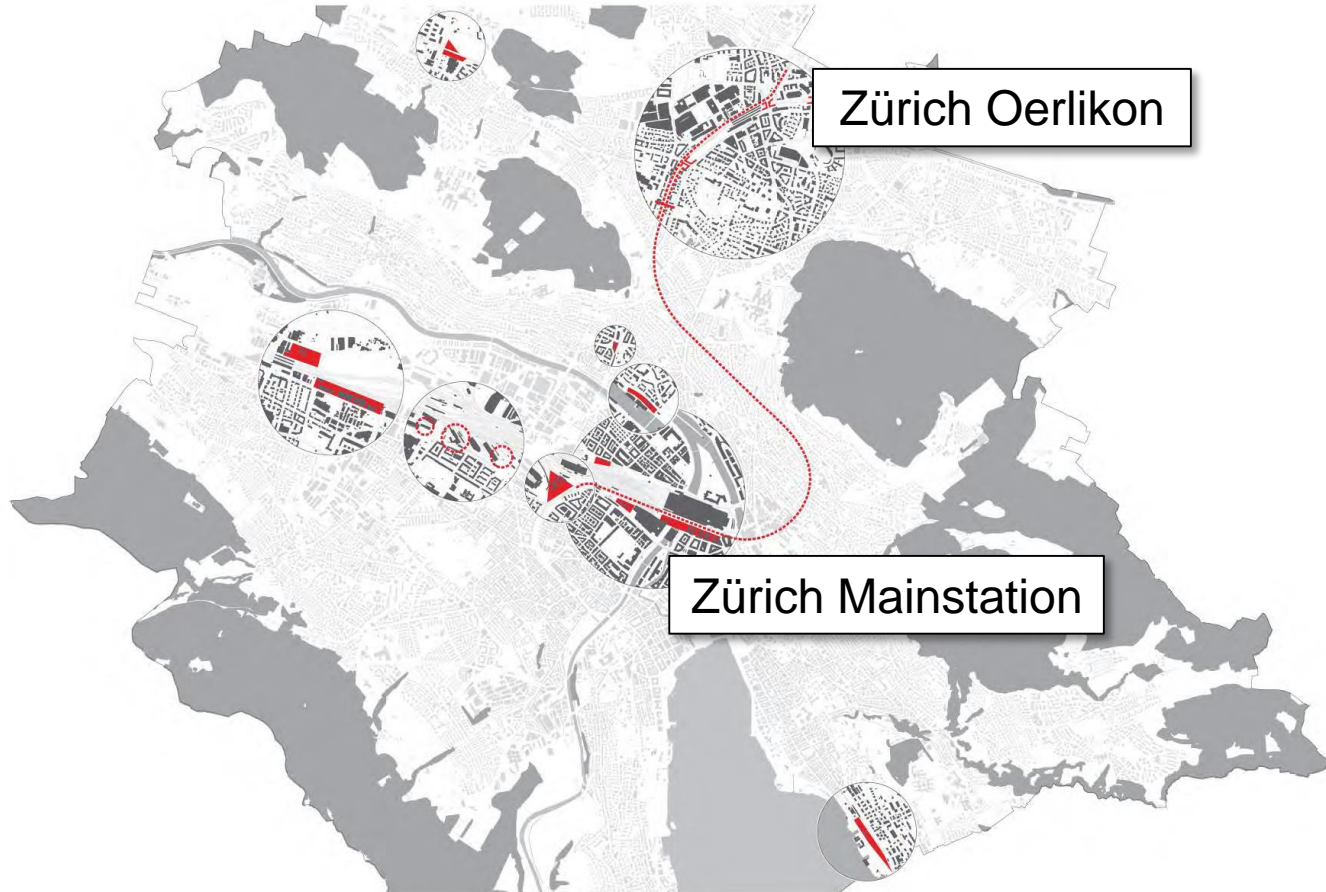
Where is Zürich?



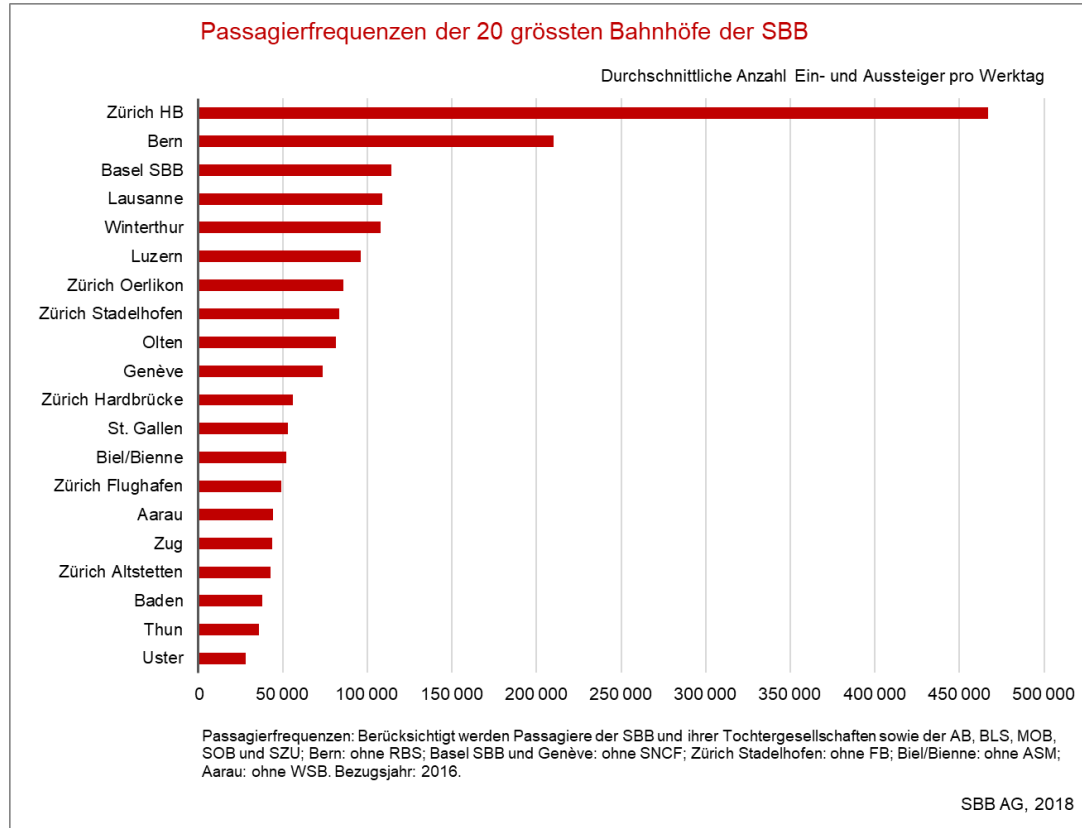
CODGATHENS Symposium
April 10th, 2015

2

From Zürich City to Zürich north (Zuerich Oerlikon)



Passenger per day in Switzerland



Zuerich Oerlikon

Facts to Swiss railway 2014:

1 mio. passenger per day in Switzerland

Approx. 400'000 passenger per day in Zürich

Approx. 70'000 passenger per day in Zürich Oerlikon

Facts to Swiss railway 2018:

1,3 mio. passenger per day in Switzerland **+ 30%**

Approx. 500'000 passenger per day in Zürich **+ 25 %**

Approx. 100'000 passenger per day in Zürich Oerlikon **+ 30%**

Zuerich Oerlikon 1970



Zuerich Oerlikon 1970



Zuerich Oerlikon 2019 - new squares around the station



Zuerich Oerlikon 2019 - new working places around the station



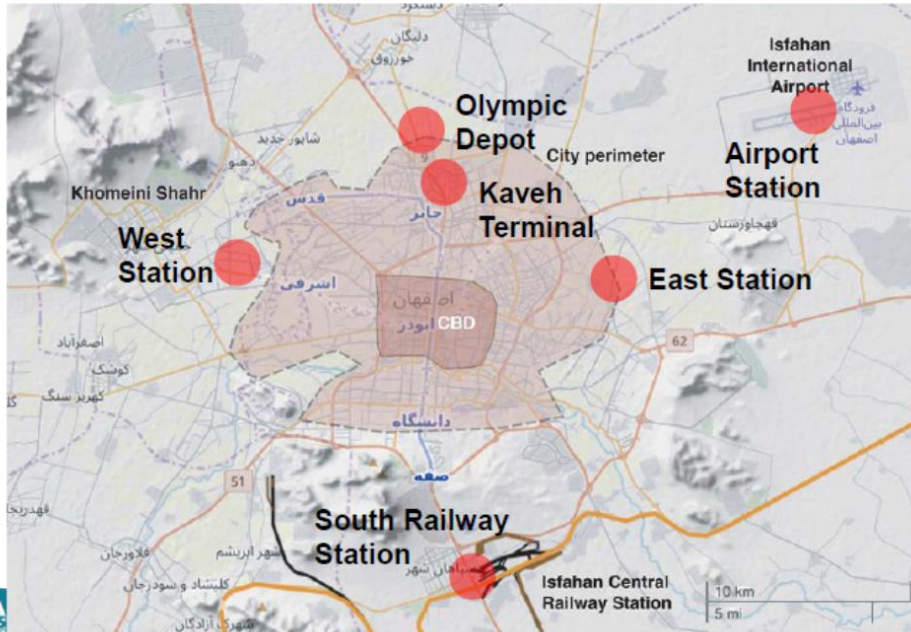
Zuerich Oerlikon 2019 - new connection to the neighborhood



Isfahan – Highspeed Rail, where is the right place?

ETH zürich

Concentration of efforts
possible HSR locations

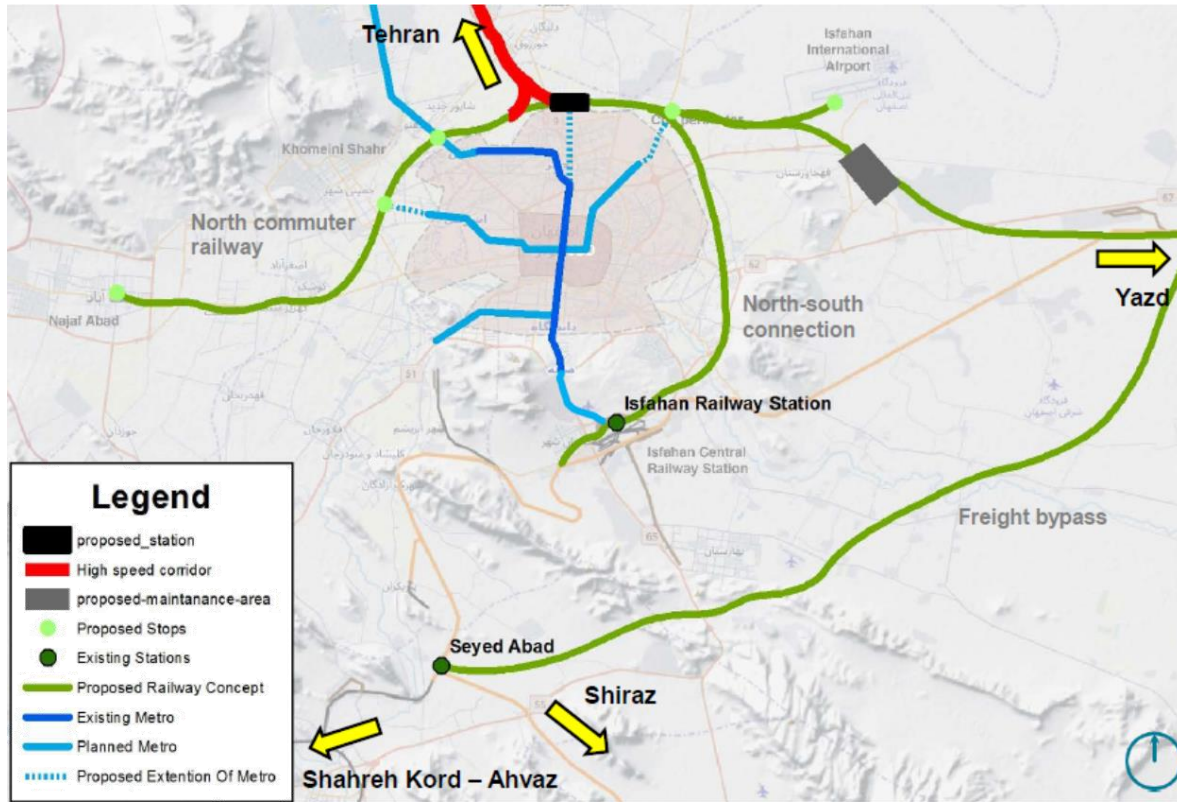


Legend:

- | Track type | |
|-----------------|--------------------------|
| | Bridge |
| | Tunnel |
| | Line ref |
| | Railroad line |
| | Narrow gauge track |
| Track usage | |
| | Siding |
| | Yard track |
| | Spur |
| | Crossover track |
| | Branch line |
| | Main line |
| | Highspeed line |
| | Industrial line |
| | Industrial service track |
| | Preserved track |
| | Track under construction |
| | Proposed track |
| | Disused track |
| | Abandoned track |
| | Razed track |
| | Tram |
| | Subway |
| | Light rail |
| | 26.4 Milestone |
| Operating Sites | |
| | Bonn Mbf Station |
| | Neuss Gbf Yard |

Source: JVS Isfahan April/May 2019

Isfahan – Proposal from international Team Iran /Swiss



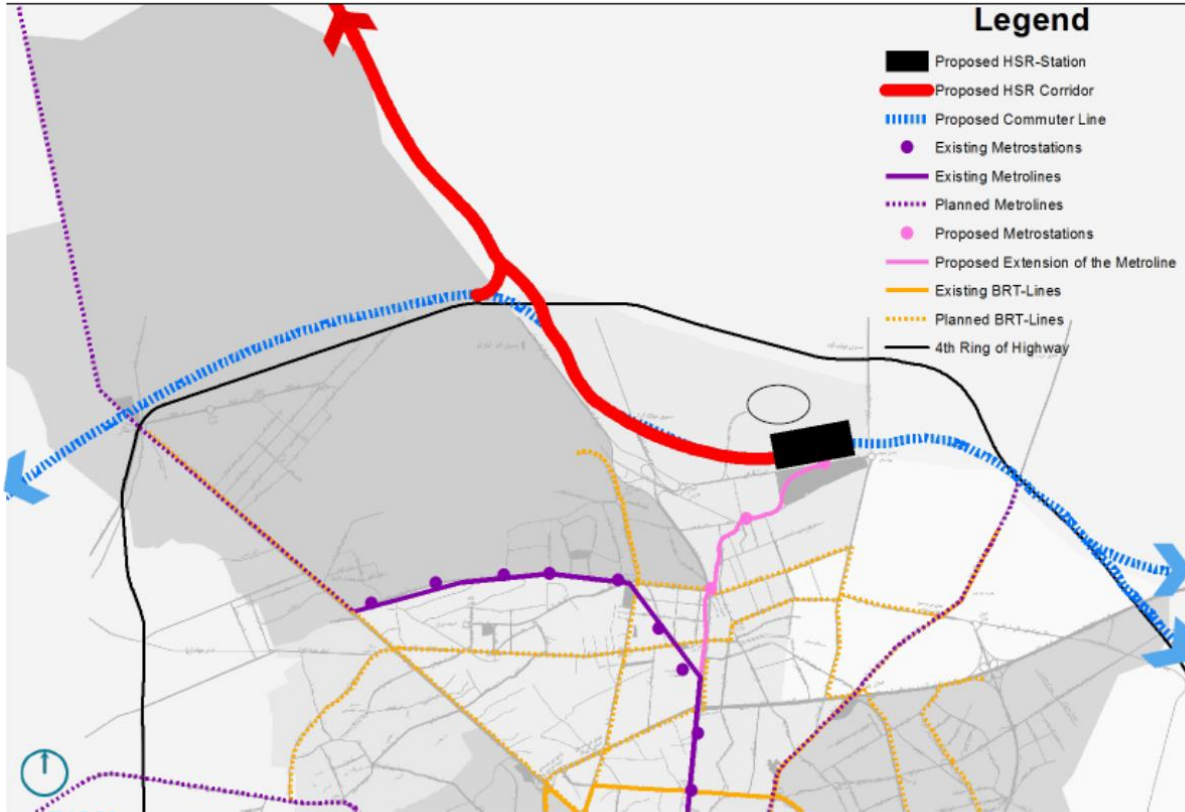
Concept

Isfahan region

Group 5 | 05.05.2019 | 11

Source: JVS Isfahan April/May 2019

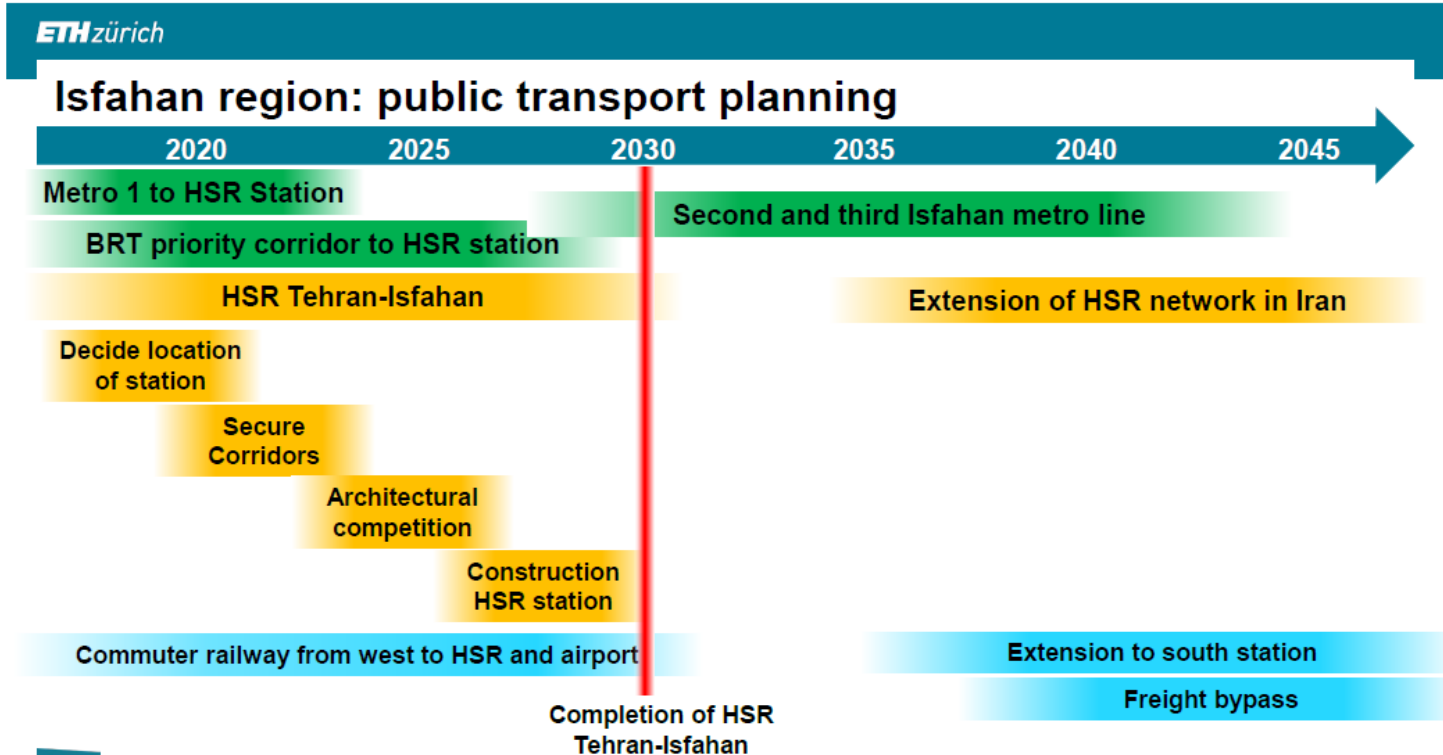
Isfahan – The future station – connected with the region



Proposal:

Location of HSR station with connections to local transport

Isfahan – Planning for the future



Quelle: Eigene Darstellung

Source: JVS Isfahan April/May 2019

Group 5 | 05.05.2019 | 14

Isfahan – Planning for the future

How to proceed

Propositions

- Study contract on precise line and station location
- Prepare architectural competition for new Isfahan HSR North Station
- Reserve and bundle infrastructure corridors: new regional lines and existing first order roads

Political level

- Construction and Development of Transportation Infrastructure Company (national)
- General Directorate of Roads and Urban Development of Isfahan Province (regional)
- Municipality of Isfahan

Stakeholders

- Population
- Railway companies
- Local transport companies
- Landowners
- Universities



Stepwise, robust, comprehensive planning

Thank you
for your kind attention